

Columbia County Capital Improvements Plan

Master List of Water Projects

August 7, 2006

Project Type	Project Number	Project Description	Estimated Bond Funding
Master Plan	W-1	Master plan for the Stormwater Utility Service Area - Establish future improvements for stormwater infrastructure pertaining to both quality and quantity of stormwater run-off.	\$520,000
Facility	W-2	Stormwater Maintenance facility - House equipment and personnel to be located at the Water Utility campus on Chamblin Road.	\$750,000
Stream Restoration	W-3	Petersburg Station Subdivision - Initiate streambank stabilization (i.e., correct existing and prevent future erosion by stormwater along creeks to minimize damage to private property) and improvements to the Wynngate Tributary including storm pipe replacement and stream restoration.	\$600,000
Stream Restoration	W-4	Wynngate Subdivision - Initiate streambank stabilization and improvements to the Wynngate Tributary including storm pipe replacement and stream restoration.	\$700,000
Stream Restoration	W-5	Halifax Subdivision - Initiate streambank stabilization and improvements to the Reed Creek Tributary including stream restoration.	\$300,000
Stream Restoration	W-6	Betty's Branch - Initiate streambank stabilization on approximately 5,000 feet of streambank and stream restoration at various locations on the Betty's Branch Tributary.	\$1,000,000
Drainage	W-7	La Vista Drive - Install 760 feet of 48" storm drain to improve storm flow through the La Vista Drive area.	\$250,000
Flood control	W-8	Ridge Crossing, Phase II A - Survey and perform engineer studies in the Spring Lakes Subdivision to improve stormwater flow at the head of the Reed Creek Tributary. Funds from the Stormwater Utility will be used for the balance of the \$2.5 million project.	\$935,000
Flood control	W-9	William Few Parkway - Install drainage improvements on Long Branch Creek to improve flow of stormwater during heavy rains.	\$300,000
Regional Retention	W-10	Mullins Pond regional retention for the Reed Creek Basin - Dredge the pond, remove and rebuild the dam, and install flood control devices and velocity dissipaters. When finished, Mullins Pond would be an active regional retention pond on the upper portion of the Reed Creek basin. The pond will minimize the impact of increased flows and velocities downstream of Old Evans Road on the Reed Creek Tributary. Additional funding for this \$4 million project will come from the Stormwater Utility and the Insurance Premium tax.	\$1,000,000
Restoration	W-11	Bowen Pond - Remove sedimentation from this County-owned pond, install a silt collection structure, and initiate stream restoration.	\$1,000,000
Water Line	W-12	Dozier Road - Install 12" water main to provide water service in the Cobbham, White Oak, and Ray Owens Roads area. The 37,500 feet of water main are to be installed primarily in the County right-of-way.	\$1,500,000
Sanitary Sewer	W-13	Euchee Creek Drainage Basin - Install approximately 22,000 feet of 36" sewer and approximately 26,200 feet of 21" sewer line. This project is located in the Little River Wastewater Treatment Plant service area and has demonstrated significant potential for residential development. The entire project will cost \$7 million, and the Water Utility will fund the remaining \$6 million.	\$1,000,000
Water Line	W-14	County water line - Acquire 10" water line and booster pump station from Harlem between Wrightsboro and Harlem-Grovetown Roads.	\$286,000
Water Line	W-15	Water line - Construct water line to serve G.R. Tucker and Old Blythe Roads to provide water service to residents south of the City of Harlem.	\$122,000
Water Line	W-16	Water line - Construct 11,000 feet of water line on Old Louisville Road to improve reliability of water service to the Cities of Harlem and Grovetown and surrounding areas.	\$286,000
Water Tank	W-17	Water storage tank - Build a 500,000 gallon elevated water storage tank to serve the Cities of Grovetown and Harlem and County systems.	\$700,000
Sanitary Sewer	W-18	Sanitary sewer line - Install 5,000 feet of 15" sanitary sewer line to increase sewer capacity to the City of Grovetown and surrounding areas.	\$609,000
		Water Projects Total:	\$11,858,000
		Capitalized Interest:	\$617,000
		Total Cost:	\$12,475,000